GEOLOGICAL SURVEY PLATE 4 OF 40 WYOMING CAMPBELL CO. 105°45′ 43°52′30″ 42'30" R.74 W. 105 37'30" 43°52'30" 15 EXPLANATION 14 15 ISOPACHS OF COAL BED-Showing PINCHOUT LINE OF UPPER FELIX COAL BED thickness in feet, interval 2 feet, with intermediate 5 foot contour. 22 23 DRILL HOLE-Showing coal thickness 22 TRACE OF COAL BED OUTCROP-Showing coal thickness in feet, measured at triangle. Arrow points toward the coal-bearing area. Coal bed dashed where inferred. MINING RATIO CONTOUR-Number indicates cubic yards of overburden per ton 26 27 27 of recoverable coal by surface mining methods. Contours shown only in area suitable for surface mining within the stripping limit. To convert feet to meters multiply feet by 0.3048. 31 45 N T.45 N T.44 N. 11 10 47'30" 13 16 18 15 This outcrop mapping is derived and enlarged from a 1:126,720 scale publication from Wegemann and others (1928, Plate 3). Numerous irregularities in outcrop elevations and the areal geology-topographic map relationship emphasize that this map presents a generalized configuration of the coal bed outcrop. Horizontal accuracy of outcrop location is estimated at 19 21  $\pm$  1000 feet (305 m). 25 27 MAP SHOWING LOCATION OF THE SW4 NORTH STAR SCHOOL 15' QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVER-ABLE COAL RESOURCE AREA (STIP-R.74 W. PLED), WYOMING Compiled in 1979 Base from U.S. Geological Survey, 1959 SCALE 1:24 000 1000 2000 WYOMING This report has not been edited for conformity with U.S. Geological QUADRANGLE LOCATION Survey editorial standards or stratigraphic nomenclature. COAL RESOURCE OCCURRENCE MAP OF THE SW1/4 NORTH STAR SCHOOL 15'

SW4 OF NORTH STAR SCHOOL 15' QUADRANGLE

OPEN FILE REPORT 79-066

**UNITED STATES** DEPARTMENT OF THE INTERIOR

QUADRANGLE, CAMPBELL COUNTY, WYOMING

BY IntraSearch 1979

PLATE 4

ISOPACH AND MINING RATIO MAP OF UPPER FELIX COAL BED